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The application of information technology and its role on entrepreneurs success

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Abstract

The purpose of this research is to survey the application of information technology and its relationship entrepreneurs successes in golestan province. This research has done as descriptive, survey and correlation . After studying literature and research history, components, factors, effective factors on information technology and entrepreneurs successes among entrepreneurs were extracted in golestan province, then the researcher prepared a questionnaire about information technology and a standard questionnaire according to stefen rabinz and marry koalters opinion about entrepreneurship that its components inferred on the basis of theoretical thoughts. The statistical society of this research included all over entrepreneurs in golestan province. The Statistical sample was entrepreneurs in golestan province that sample size was determined on the basis of the kristy-morgan table. The results showed there is a significant relationship in applying information technology with online learning, innovation, abilities to take advantages of risks, self-confidence.

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Keywords: Information technology, Entrepreneurship, entrepreneurs success

1.Introduction

Presenting information technology to move quickly to communities and the world changes. The result of these developments, the century in the name of the current information technology has been recorded. The present in the insight and awareness of the people has increased and its population explosion and the world with this technology usage, in the form of communication networks and the balance has been controlled. Information Technology Entrepreneurship on all social activities, including major developments affecting many of them are created.[1] Today, entrepreneurship and entrepreneurs of the beds have been provided by the Information Technology and its affiliates are a lot of interest, Entrepreneurship activities in recognition of the need, the creation of ideas and development of engine technology and Entrepreneurship Information technology is creating new technologies. Activities, occupations, cultures all influenced by information technology have been transformed. Without doubt entrepreneurship major share and a special role in the development of information technology, this technology has also Incrust entrepreneurship and influential signals modern entrepreneurship is created.[2]

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2. Information Technology

Information technology, new knowledge in the comprehensive growth and development of modern societies, will play an important role.[3] IT means collect, organize, store and publish information such as sound, image, text that accomplish with using computer and telecommunication tools. [4] Explanation of IT according to America's economic analysis office is administrative office machines, computing and accounting that include computers. [5] There is another explanation about IT that indicates wide range of inventions and communication media that make a connection between information systems and people. [6] Nowadays IT is a important facilitator to storing, processing and exchanging information resources. [7] IT changes all management processes form paper toward electronic services in order to preprocess automated. [8]IT allows managers to control fast date processing and coordination of more complicated structures. [9] In 1998 a research had done by Nolan - Norton institute that showed the amount of using IT is the most important distinction management in the most organization. [10]

IT provides several advantages for industry such as rate of operation speed, stability and compatibility to create data, promoting efficiency on the organization and improving productivity and control internal processes. [11] IT is a tool that making changes on the nature of work, integrate organizational duties and will help foster competitive forces for organizations .IT can reduce transaction costs by electronic data transaction and shared databases and remove intermediaries in organizational processes. Using computers and communications equipment in the network environment can be jointly exploit from data, audio, image, sound and even video. Nowadays technology changes the main enabling businesses, serving organization increasing profits and shareholder's wealth. [12]

2. Entrepreneurship

Although entrepreneurship is old as human history but here is the use of the term entrepreneurship. The term entrepreneurship is derived from the French word entrepreneur that means being committed. According to Webster's dictionary definition of: the entrepreneur who is a business venture organized, and managed to take. The term entrepreneurship long before the concept of modern entrepreneurship to occur, the French language was developed. entrepreneur and entrepreneurship was first considered by economists, all schools of economic and entrepreneurial way since the sixteenth century in economic theory itself has been described.[13] Entrepreneur to offer the entrepreneurship and New The quantity or quality improvement organization activities(e.g. new products, increased utilization, increased production or service, reduced costs, better products or services, new products or services, , etc.) encyclopedia of entrepreneurship in the social sciences, such definitions are listed: Being able to give it some have described a new phenomenon. And some others, but it's not as capable as a psychological process with new products and processes through which people are valued ,have defined. Behavioral Sciences, two scientists from 25 of the definition of entrepreneurship noted that entrepreneurship as a business, Includes behaviours such as sharing a single New, innovative, risk taking, tolerance for ambiguity, willingness to grow and be a leader, seeking independence and is committed.[14]

3. Characteristics and traits of entrepreneurs

What characteristics and traits of entrepreneurs who have and what difference they have with others? In all studies done on this question and characteristics of entrepreneurs are the people who search for and provided numerous comments that this is some of them briefly: The definition has been said that people who are entrepreneurs you have the economy and make the best use of their economic situations. There are those who innovate and create new goods and services and offers, and those of time, money and effort they spend their work. The sum of the Characteristics of entrepreneurs is that entrepreneurship that characterized by six Characteristics: 1 - prefers moderate rate risk.2 - accepts responsibility for his actions. 3 - have self-confidence. 4 - Following a reflection of their performance. 5 - attention to own goal of people's than others. 6 - be achievement-oriented.[15]

2. Methodology

According to the purpose, this study is in the category of applied research and according on the data collection procedure is in the category of descriptive research and correlation.

2.1. Population and sample

The population of this study included all entrepreneurs in golestan province. The Statistical sample was entrepreneurs in golestan province (N=480). The sample of this study consists of 214 entrepreneurs according to the table kristy-morgan who have been chosen through random stratified Sampling.

2.2. Data collection instruments

This study were used of library studies and questionnaires collecting data tools. This study were used two questionnaires instrument. first one was the research prepared a questionnaire IT and second was standardized questionnaire entrepreneurship according to stefen rabinz and marry koalters. For estimating validity was used in terms of professors and qualified experts and for estimate reliability was used Cronbach's alpha so the value alpha for IT Questionnaire 0/87 and the value alpha for entrepreneurs success with 0/861 were obtained that indicated strong reliability were two questionnaires .

3. Findings

Aim of this study is the application of information technology and its relationship with entrepreneurs success .

testing following hypothesis:

- 1 .there is a significant relationship in applying information technology with online learning.
2. there is a significant relation in applying information technology with innovation.
3. there is a significant relationship in applying information technology with abilities to take advantages of risks.
4. there is a significant relationship in applying information technology with self-confidence.

This study was used data analyzing of the Spearman correlation test. After analyzing collection data by obtained results of research assumptions were approved indicating that according to the SPSS 18 output chart Spearman correlation test to review this results pay.

Table 1: Spearman correlation spss 18

	Spearman correlation	sig.(tailed)	N	
Information Technology	0.686*	0.000	214	online learning
	0.573*	0.000	214	innovation
	0.641*	0.000	214	abilities to take advantages of risks
	0.656*	0.000	214	self-confidence

* P < 0.05

** P < 0.01

According to data in the table on the obtained correlation between information technology with entrepreneurs success significant level of sig =0.000 and significance since the amount is smaller than 0.05, we conclude that these variables apart Are not together and have a meaningful relationship or in other words all hypotheses are confirmed.

4. Conclusion

Findings showed a significant relationship between IT and entrepreneurs success. Information and communication are two basic tools needed in any entrepreneurship activity. Entrepreneurship is not possible without access to market information and statistics. Every entrepreneur should have knowledge of the environment, there

needs to know And what solutions can be devised to meet the needs. And information technology, great changes in all social activities including entrepreneurship creates And as the most important tools of modern entrepreneurship is considered. Entrepreneurship development, technology foundation and technology the context development is entrepreneurship. Entrepreneurship in the context of the communication networks and information technology should be developed And will provide easy access to the network.

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